BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work:-Re-Asphalting MainRoad & Cross roads at Soundarya layout & Meenakshi layout in Ward No 14.

			Est. Cost Rs				30.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-47. Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges Complete as per specifications. MORTH Chapter 3. **Page No. 158/ Item No. 19.53/ PWD SR 2013-14**	Sqm			Avg				
	Cross roads Mudroads		1	300.00	5.00		1500.0		
	Basic Rate	18.75					**1500.0**	**20.25**	**30375.00**
	Area Weightage 8%	1.50							
	Total	**20.25**							
2	KSRRB 300-53. Construction of **embankment** with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305. **Page No. 159/ Item No. 19.60/ PWD SR 2013-14**								
	Cross roads Mud road		1	300.00	5.00	0.30	**450.00**	166.32	**74844.00**
	Basic Rate	154.00							
	Area Weightage 8%	12.32							
	Total	166.32							
3	KSRRB M400-1. **For Grading I Material** Construction of **granular sub-base** by providing close graded granular sub-base Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per Specifications. A. Plant Mix Method. **Page No. 167/ Item No. 20.4.1 PWD SR 2013-14**								
	Cross roads		1	300.00	5.00	0.15	**225.00**	1060.56	**238626.00**
	Basic Rate	982.00							
	Area Weightage 8%	78.56							
	Total	**1060.56**							
4	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 **Page No. 170/ Item No. 20.18/ PWD SR 2013-14**	**Cum**							
	Cross roads		1	300.00	5.00	0.25	375.00	**1121.04**	**420390.00**
	Basic Rate	1038.00							
	Area Weightage 8%	83.04							
	Total	**1121.04**							

5	KSRRB 500-9: Providing and applying **tack coat** on Granular base such as WBM and WMM surfaces hot bitumen primed at 10kg per 10sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 **Page No. 176/ Item No. 21.9/ PWD SR 2013-14**	**Sqm**							
	Cross roads		1	300.00	5.00		**1500.00**	28.94	**43410.00**
	Basic Rate	26.80							
	Area Weightage 8%	2.14							
	Total	**28.94**							
6	KSRRB 500-2: Cleaning the existing **black topped surface** with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. Specification No. KRBS 500-1 MORTH Chapter 5 **Page No. 175/ Item No. 21.2/ PWD SR 2013-14**	**Sqm**							
			1	760.00	6.00		**4560.00**	2.59	**11810.00**
	Basic Rate	2.40							
	Area Weightage 8%	0.19							
	Total	**2.59**							
7	KSRRB 500-7: Providing and applying **tack coat on the prepared black topped** surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 **Page No. 176/ Item No. 21.8/ PWD SR 2013-14**	**Sqm**							
			1	760.00	6.00		4560.00		
	Basic Rate	20.10					**4560.00**	**21.71**	**98998.00**
	Area Weightage 8%	1.61							
	Total	**21.71**							
8	KSRRB M500-17: Providing and laying **semi dense bituminous concrete 25 to 30mm compacted thickness with 5% bitumen** 80/100 (gradeing II) with 100/20 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen using 40-60 HMP using Mechanical paver **Page No. 178/ Item No. 21.20.1/ PWD SR 2013-14**	**Cum**							
			1	300.00	5.00	0.03	45.00		
			1	760.00	6.00	0.03	136.80		
							181.80	9631.44	1750996.00
	Basic Rate	8918.00							
	Area Weightage 8%	713.44							
	Total	**9631.44**							
9	Carriage of Mixed Materials Page No. 186 Note PWD SR 2013-14			**Qty item no.8**			181.80	52.11	**9474.00**
	1st to2ndKM	5.75							
	2nd-5th KM	16.50							
	5th -10th KM	26.00							
		48.25							
	Area Weightage 8%	3.86							
	Total	52.11							

18	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 150 Item No. 17.1 PWD SR 2013-14**	Cum							
			Qty Vide Item No. 1 *0.25				622.50	78.24	48701.00
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	72.44							
	Add Area Weightage 8%	5.80							
	Total	**78.24**							
19	For Quality Control Report Charges1% of the Estimate Cost								30000
10	Miscellaneous and UnforessenCharges								639.00
								Total	3000000.00
(Rupees. Thirty Lakhs Only)									

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2013-14
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

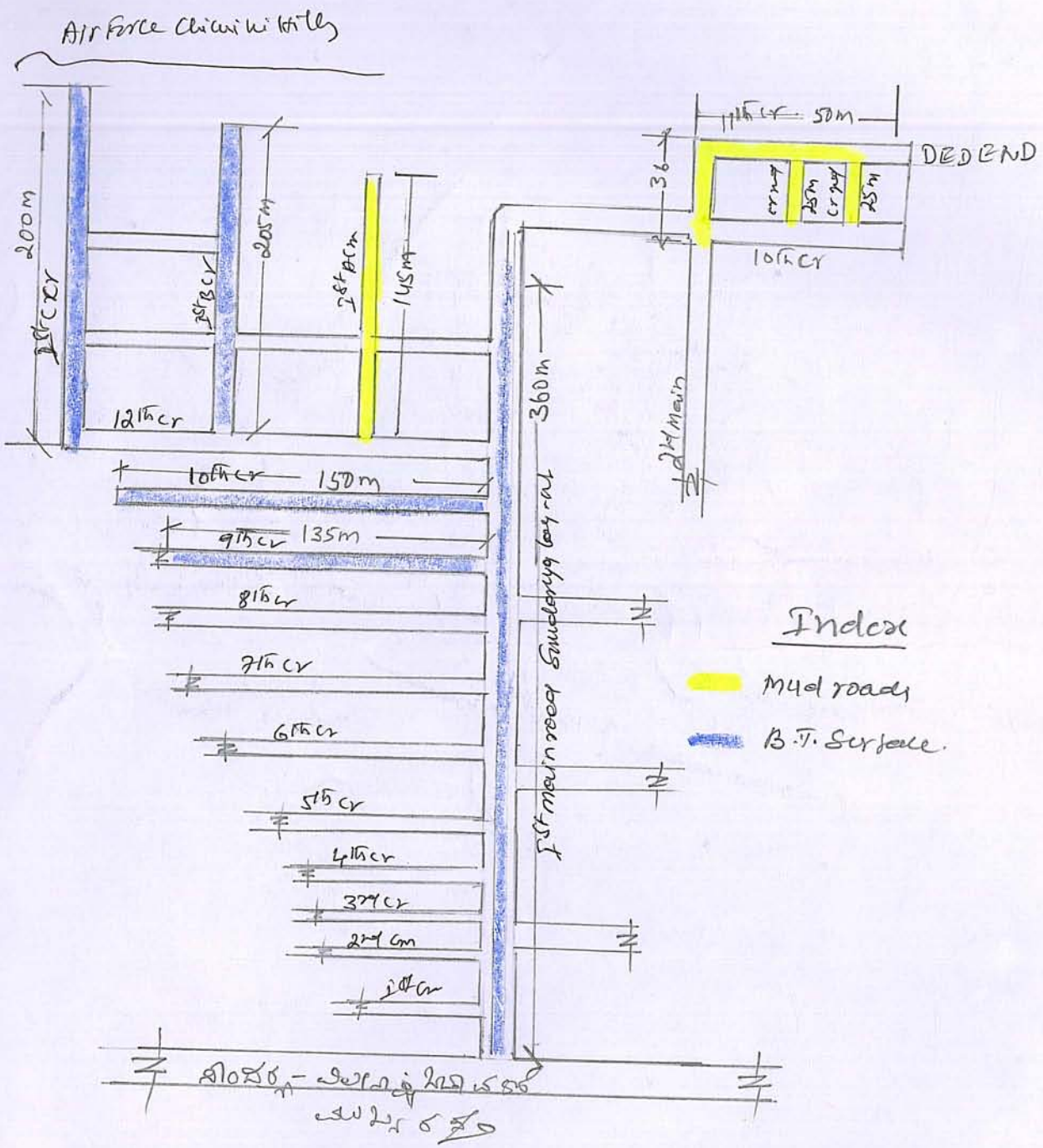
Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S
AE(DH) AS 893/13-14 ದಿನಾಂಕ : 04/03/14
ರೂ 30.00 lakhs (Rupees Thirty lakhs only)
ಗಳ ಅಂದಾಜು ಪತ್ರಕ್ಕೆ ಅವಶ್ಯಕತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
Page No. 005
Sl. No. 893
ಅಪರ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

CE/DZ/RB/ 39 /13-14
ನಂ. Pg No - 69 ದಿನಾಂಕ : 20/5/2014
ರೂ. 30,00000/- (ರೂ. ಮೂವತ್ತು ಲಕ್ಷಗಳ)
ರೂ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Name of work:- Re-Asphalting main road and cross roads at Soundarya lay-out & Meenakshi lay-out in ward No. 14.



ಕಂದಾಯ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಆ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಹಾಗಲಗುಂಟೆ. ಬೆಂಗಳೂರು - 560 073